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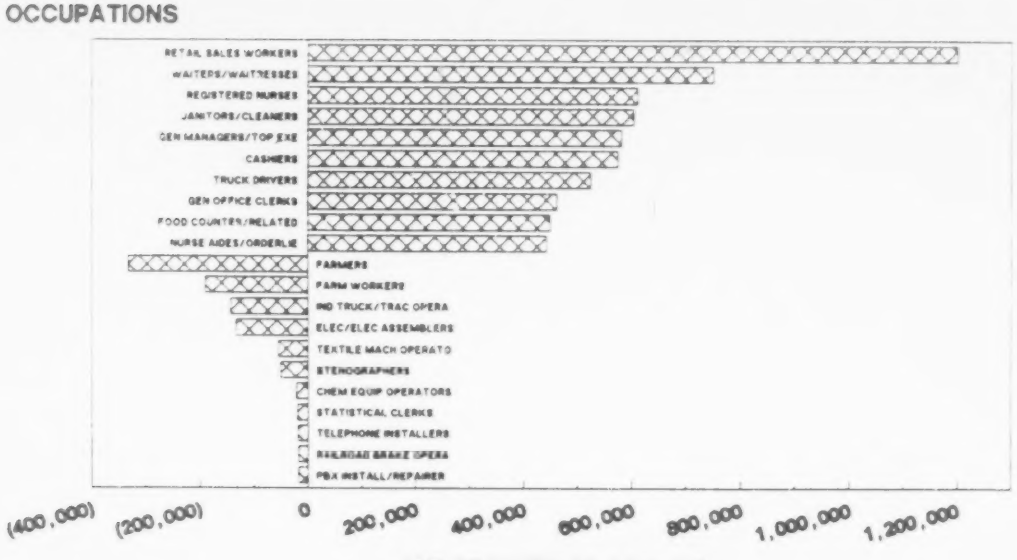
NORTH DAKOTA CENTENNIAL

JOB SERVICE North Dakota

# NORTH DAKOTA LABOR MARKET ADVISOR

APRIL 1989
VOLUME 5, NUMBER 4

## NATIONAL OCCUPATIONAL GROWTH PATTERNS
1986-2000



THE

NORTH DAKOTA

LABOR MARKET ADVISOR

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

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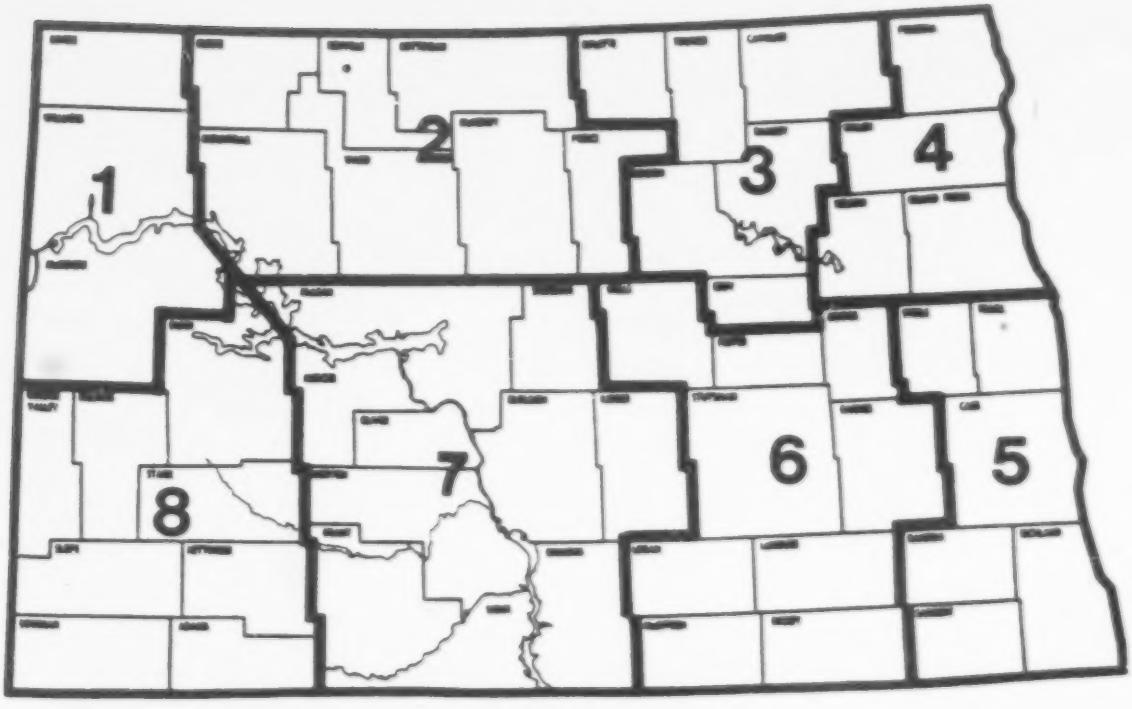
NORTH DAKOTA




STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

# THE YEAR 2000: A NATIONAL OUTLOOK

The year 2000 will soon be upon the nation. Only 11 years separate us from that magical twenty-first century. When people think of the twenty-first century, visions of orbiting space stations, laser guns, amazing electronic devices and continuing space exploration enter their minds. However, many people react more realistically and ask such questions as "What will I be doing in the year 2000? What kind of job will I be able to get? Will there be a need for any of the skills that I may acquire between now and then?" This article will discuss future labor force, employment, and educational needs.

The labor force will grow, but at a slower rate between 1986 and 2000 than it did between 1972 and 1986. The labor force is anticipated to rise from 118 million in 1986 to 139 million in 2000 (a growth of 21 million). This compares to a growth of 31 million (87 million to 118 million) between 1972 and 1986. Based on percentages, the growth between 1986 and 2000 (17.8%) is almost one-half of the growth between 1972 and 1986 (35.4%).

The general composition of the labor force will be very different in 2000 than it was in 1986:

- Younger and older workers will become a smaller proportion of the labor force. The number of persons age 16 to 24 years will decline, because as they grow older, fewer youth will be replacing them (a result of the lowering birth rates of the baby boom generation). Those who are 55 and over will decrease in the labor force, because their labor force participation rate will continue to decline, even though their total population count will increase.

- Women will comprise an increasing share of the labor force, rising from 39% to 47%. Numerically, the increase will be from 52 million to 66 million, or 27%. The number of women in the labor force will increase twice as fast as the number of men, because the proportion of women who participate in the labor force will continue to rise.

- The proportion of whites in the labor force will decrease (88% to 84%), while the proportion of blacks (10% to 12%) and Asians (1% to 4%) will increase. The black population will increase faster than the white population because of higher birth rates, while Asians will also benefit from immigration. Asians and other races will increase 71% between 1986 and 2000-- the fastest percentage growth of all nationalities.

- The Hispanic labor force will grow very rapidly, increasing from 8 million in 1986 to 14 million in 2000. As a result of this growth, Hispanics will comprise 10% of the labor force in 2000-- up from 7% in 1986.

Employment will continue to grow, only more slowly than recently (86 million in 1972 to 113 million in 1986 to 132 million by 2000).

Between 1972 and 1986, employment grew by 27 million (31.4%), while between 1986 and 2000, employment will grow by 19 million (16.8%). Self-employed and unpaid family workers will increase 1 million between 1986 and 2000 (14.3%), while wage and salary employment will increase 18 million (17.0%).

The gross national product (GNP) is expected to exceed $5 trillion in 2000 and reflect some major industrial changes in this country:

- A larger share of personal consumption expenditures will be spent on services rather than on goods:

**BILLIONS OF 1982 DOLLARS**

| | | | | CHANGE | |
|---|---|---|---|---|---|
| | 1972 | 1986 | 2000 | 1972-1986 | 1986-2000 |
| GOODS | $896 | $1241 | $1644 | $345 (38.5%) | $403 (32.5%) |
| SERVICES | $756 | $1177 | $1786 | $421 (55.7%) | $409 (51.7%) |

- The service-producing sector will provide 20.1 million new jobs between 1986 and 2000 (rising from 75.6 million to 95.7 million). Four divisions will grow faster than average: Finance, Insurance, and Real Estate; Retail Trade; Wholesale Trade; and Services. Seventy-five percent of the growth will be in Services and Retail Trade. Within the Service Division, Health and Business Services will account for more than one-half the growth. In Retail Trade, eating and drinking places will account for about one-half the growth.

Listed below are the ten occupations that are predicted to have the largest total job growth between 1986 and the year 2000:

| | | |
|---|---|---|
| Retail Sales Workers | 1,201,000 | 34% |
| Waiters/Waitresses | 752,000 | 44% |
| Registered Nurses | 612,000 | 44% |
| Janitors/Cleaners | 604,000 | 23% |
| Gen. Managers/Top Exec | 582,000 | 24% |
| Cashiers | 575,000 | 27% |
| Truck Drivers | 525,000 | 24% |
| Gen. Office Clerks | 462,000 | 20% |
| Food Counter/Related Workers | 449,000 | 30% |
| Nursing Aides/Orderlies/Attendants | 443,000 | 35% |

In comparison, the following occupations are anticipated to have the largest numerical declines between 1986 and 2000:

| | | |
|---|---|---|
| Farmers | 332,000 | 28% |
| Farm Workers | 190,000 | 20% |
| Industrial Truck & Tractor Operators | 143,000 | 34% |
| Electrical and Electronic Assemblers | 133,000 | 54% |
| Textile Machine Operators | 55,000 | 25% |
| Stenographers | 50,000 | 28% |
| Chemical Equip Controllers/Operators | 21,000 | 30% |
| Statistical Clerks | 19,000 | 26% |
| Telephone Installers/Repairers | 18,000 | 32% |
| Railroad Brake and Switch Operators | 17,000 | 40% |
| Cent. Office & PBX Installers/Repairers | 17,000 | 23% |

Occupations in which workers will need college training will have the largest percentage growth, while occupations in which workers can have less than a high school degree will have the smallest percentage growth. Workers with more education will also earn more in a lifetime and are less likely to become unemployed.

The data for this article was gleaned from the pages of a publication entitled PROJECTIONS 2000, the fall 1987 installment of the U.S. Department of Labor/Bureau of Labor Statistics' OCCUPATIONAL OUTLOOK QUARTERLY. If you have any questions concerning the data used in this article, please call Warren Boyd at 701-224-3048.

**Warren Boyd**
**Research Analyst**

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

NORTH DAKOTA

(ROUNDED TO FIFTY)

| INDUSTRIES | CURRENT MONTH APRIL 1989 | PREVIOUS MONTH MARCH 1989 | ONE YEAR AGO APRIL 1988 | CHANGE FROM: LAST MONTH MAR. 1989 | CHANGE FROM: LAST YEAR APR. 1988 |
|---|---|---|---|---|---|
| TOTAL | 256,850 | 254,350 | 254,150 | 1.0% | 1.1% |
| MINING | 3,650 | 3,650 | 4,100 | 0.0% | -11.0% |
| COAL | 1,050 | 1,050 | 1,050 | 0.0% | 0.0% |
| CRUDE PET. & NAT. GAS | 2,300 | 2,400 | 2,700 | -4.2% | -14.8% |
| OTHER MINING | 300 | 200 | 350 | 50.0% | -14.3% |
| CONSTRUCTION | 8,150 | 7,150 | 8,350 | 14.0% | -2.4% |
| BUILDING CONSTRUCTION | 2,200 | 2,000 | 2,200 | 10.0% | 0.0% |
| STREET HIGHWAY & HEAVY | 1,550 | 1,150 | 1,750 | 34.8% | -11.4% |
| SPECIAL TRADE CONSTRUCTION | 4,400 | 4,000 | 4,400 | 10.0% | 0.0% |
| MANUFACTURING | 15,900 | 16,400 | 16,100 | -3.0% | -1.2% |
| DURABLE GOODS | 7,650 | 7,550 | 7,250 | 1.3% | 5.5% |
| STONE, CLAY & GLASS | 550 | 400 | 600 | 37.5% | -8.3% |
| PRIMARY & FAB. METALS | 850 | 850 | 800 | 0.0% | 6.3% |
| MACHINERY & TRANS. EQUIP. | 4,800 | 4,800 | 4,600 | 0.0% | 4.3% |
| OTHER DURABLE GOODS | 1,450 | 1,500 | 1,250 | -3.3% | 16.0% |
| NONDURABLE GOODS | 8,250 | 8,850 | 8,850 | -6.8% | -6.8% |
| FOOD & KINDRED PRODUCTS | 4,150 | 4,600 | 4,450 | -9.8% | -6.7% |
| DAIRY PRODUCTS | 700 | 700 | 750 | 0.0% | -6.7% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 1,100 | 1,500 | 1,650 | -26.7% | -33.3% |
| BAKERY PRODUCTS | 500 | 500 | 350 | 0.0% | 42.9% |
| OTHER FOOD & KINDRED | 1,850 | 1,900 | 1,700 | -2.6% | 8.8% |
| PRINTING & PUBLISHING | 2,400 | 2,500 | 2,400 | -4.0% | 0.0% |
| OTHER NONDURABLE GOODS | 1,700 | 1,750 | 2,000 | -2.9% | -15.0% |
| TRANS. COMM. & UTILITIES | 17,000 | 16,900 | 16,400 | 0.6% | 3.7% |
| TRANSPORTATION | 8,900 | 8,800 | 8,400 | 1.1% | 6.0% |
| TRUCKING & WAREHOUSE | 5,200 | 5,100 | 4,900 | 2.0% | 6.1% |
| OTHER TRANSPORTATION | 3,700 | 3,700 | 3,500 | 0.0% | 5.7% |
| COMMUNICATION | 3,500 | 3,500 | 3,300 | 0.0% | 6.1% |
| UTILITIES | 4,600 | 4,600 | 4,700 | 0.0% | -2.1% |



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

NORTH DAKOTA

(Continued)

| INDUSTRIES | CURRENT MONTH APRIL 1989 | PREVIOUS MONTH MARCH 1989 | ONE YEAR AGO APRIL 1988 | CHANGE FROM: LAST MONTH MAR. 1989 | CHANGE FROM: LAST YEAR APR. 1988 |
|---|---|---|---|---|---|
| WHOLESALE TRADE | 19,200 | 18,800 | 19,700 | 2.1% | -2.5% |
| DURABLE GOODS | 8,800 | 8,700 | 9,000 | 1.1% | -2.2% |
| NONDURABLE GOODS | 10,400 | 10,100 | 10,700 | 3.0% | -2.8% |
| RETAIL TRADE | 49,400 | 48,400 | 48,400 | 2.1% | 2.1% |
| GENERAL MERCHANDISE | 6,300 | 6,300 | 6,100 | 0.0% | 3.3% |
| FOOD STORES | 7,100 | 6,900 | 6,700 | 2.9% | 6.0% |
| AUTO DEALERS & SERVICE ST. | 6,500 | 6,400 | 6,600 | 1.6% | -1.5% |
| APPAREL & ACCESSORIES | 2,600 | 2,600 | 2,600 | 0.0% | 0.0% |
| OTHER RETAIL | 26,900 | 26,200 | 26,400 | 2.7% | 1.9% |
| FINANCE, INS. & REAL ESTATE | 12,050 | 12,150 | 12,300 | -0.8% | -2.0% |
| FINANCE | 6,500 | 6,600 | 6,600 | -1.5% | -1.5% |
| BANKING | 4,100 | 4,100 | 4,100 | 0.0% | 0.0% |
| OTHER FINANCE | 2,400 | 2,500 | 2,500 | -4.0% | -4.0% |
| INSURANCE | 3,800 | 3,800 | 3,900 | 0.0% | -2.6% |
| REAL ESTATE | 1,750 | 1,750 | 1,800 | 0.0% | -2.8% |
| SERVICES | 65,100 | 64,500 | 63,300 | 0.9% | 2.8% |
| LODGING | 4,400 | 4,300 | 4,200 | 2.3% | 4.8% |
| HEALTH SERVICES | 27,100 | 27,200 | 26,600 | -0.4% | 1.9% |
| NURSING CARE & HOSPITALS | 19,700 | 19,800 | 19,600 | -0.5% | 0.5% |
| OTHER MEDICAL SERVICES | 7,400 | 7,400 | 7,000 | 0.0% | 5.7% |
| OTHER SERVICES | 33,600 | 33,000 | 32,500 | 1.8% | 3.4% |
| GOVERNMENT | 66,400 | 66,400 | 65,500 | 0.0% | 1.4% |
| FEDERAL | 10,400 | 10,400 | 10,200 | 0.0% | 2.0% |
| STATE GOVERNMENT | 20,200 | 20,200 | 19,800 | 0.0% | 2.0% |
| EDUCATIONAL SERVICES | 13,100 | 13,300 | 13,000 | -1.5% | 0.8% |
| OTHER STATE GOVERNMENT | 7,100 | 6,900 | 6,800 | 2.9% | 4.4% |
| LOCAL GOVERNMENT | 35,800 | 35,800 | 35,500 | 0.0% | 0.8% |
| EDUCATIONAL SERVICES | 18,300 | 18,400 | 17,900 | -0.5% | 2.2% |
| OTHER LOCAL GOVERNMENT | 17,500 | 17,400 | 17,600 | 0.6% | -0.6% |

## NONAGRICULTURAL

## WAGE AND SALARY EMPLOYMENT

| I N D U S T R I E S | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| FARGO-MOORHEAD MSA | APRIL 1989 | MARCH 1989 | APRIL 1988 | MAR. 1989 | APR. 1988 |
| TOTAL | 74,800 | 73,850 | 72,500 | 1.3% | 3.2% |
| MINING CONSTRUCTION | 3,000 | 2,700 | 2,800 | 11.1% | 7.1% |
| MANUFACTURING | 5,000 | 4,950 | 5,100 | 1.0% | -2.0% |
| DURABLE GOODS | 2,100 | 2,000 | 2,100 | 5.0% | 0.0% |
| NONDURABLE GOODS | 2,900 | 2,950 | 3,000 | -1.7% | -3.3% |
| TRANS., COMM. & UTILITIES | 4,700 | 4,700 | 4,500 | 0.0% | 4.4% |
| TRADE | 21,800 | 21,400 | 21,200 | 1.9% | 2.8% |
| WHOLESALE TRADE | 6,800 | 6,700 | 6,600 | 1.5% | 3.0% |
| RETAIL TRADE | 15,000 | 14,700 | 14,600 | 2.0% | 2.7% |
| FINANCE, INS. & REAL ESTATE | 4,400 | 4,400 | 4,400 | 0.0% | 0.0% |
| SERVICES | 21,100 | 20,900 | 20,200 | 1.0% | 4.5% |
| GOVERNMENT | 14,800 | 14,800 | 14,300 | 0.0% | 3.5% |
| FEDERAL | 2,200 | 2,100 | 2,100 | 4.8% | 4.8% |
| STATE & LOCAL | 12,600 | 12,700 | 12,200 | -0.8% | 3.3% |
| GRAND FORKS MSA | | | | | |
| TOTAL | 30,850 | 30,700 | 30,200 | 0.5% | 2.2% |
| MINING & CONSTRUCTION | 1,100 | 950 | 1,050 | 15.8% | 4.8% |
| MANUFACTURING | 1,750 | 1,750 | 1,700 | 0.0% | 2.9% |
| TRANS., COMM. & UTILITIES | 1,600 | 1,600 | 1,600 | 0.0% | 0.0% |
| TRADE | 8,800 | 8,600 | 8,500 | 2.3% | 3.5% |
| WHOLESALE TRADE | 1,500 | 1,500 | 1,500 | 0.0% | 0.0% |
| RETAIL TRADE | 7,300 | 7,100 | 7,000 | 2.8% | 4.3% |
| FINANCE, INS. & REAL ESTATE | 1,100 | 1,100 | 1,150 | 0.0% | -4.3% |
| SERVICES | 6,900 | 6,800 | 6,800 | 1.5% | 1.5% |
| GOVERNMENT | 9,600 | 9,900 | 9,400 | -3.0% | 2.1% |
| BISMARCK MSA | | | | | |
| TOTAL | 38,700 | 38,050 | 37,000 | 1.7% | 4.6% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,250 | 1,100 | 1,300 | 13.6% | -3.8% |
| MANUFACTURING | 2,100 | 2,100 | 2,100 | 0.0% | 0.0% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,600 | 2,700 | 3.8% | 0.0% |
| TRADE | 10,300 | 10,000 | 9,800 | 3.0% | 5.1% |
| WHOLESALE TRADE | 2,100 | 2,100 | 2,200 | 0.0% | -4.5% |
| RETAIL TRADE | 8,200 | 7,900 | 7,600 | 3.8% | 7.9% |
| FINANCE, INS. & REAL ESTATE | 1,550 | 1,550 | 1,600 | 0.0% | -3.1% |
| SERVICES | 11,700 | 11,600 | 10,800 | 0.9% | 8.3% |
| GOVERNMENT | 8,900 | 8,900 | 8,500 | 0.0% | 4.7% |



## LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | April 1989 | March 1989 | April 1988 | Percent Change From: March 1989 | Percent Change From: April 1988 |
|---|---|---|---|---|---|
| UNITED STATES (In Thousands) | | | | | |
| Labor Force | 125,343 | 124,948 | 123,055 | 0.3% | 1.9% |
| Employment | 118,797 | 118,820 | 116,445 | 0.0% | 2.0% |
| Unemployment | 6,546 | 6,128 | 6,610 | 6.8% | -1.0% |
| Unemployment Rate | 5.2% | 4.9% | 5.4% | xxx | xxx |
| NORTH DAKOTA | | | | | |
| Labor Force | 321,010 | 318,740 | 327,620 | 0.7% | -2.0% |
| Employment | 306,690 | 302,280 | 311,130 | 1.5% | -1.4% |
| Unemployment | 14,320 | 16,460 | 16,490 | -13.0% | -13.2% |
| Unemployment Rate | 4.5% | 5.2% | 5.0% | xxx | xxx |
| FARGO-MOORHEAD MSA | | | | | |
| Labor Force | 84,610 | 84,880 | 84,630 | -0.3% | 0.0% |
| Employment | 81,960 | 81,850 | 81,890 | 0.1% | 0.1% |
| Unemployment | 2,650 | 3,030 | 2,740 | -12.5% | -3.3% |
| Unemployment Rate | 3.1% | 3.6% | 3.2% | xxx | xxx |
| GRAND FORKS MSA | | | | | |
| Labor Force | 34,730 | 34,620 | 34,760 | 0.3% | -0.1% |
| Employment | 33,310 | 33,320 | 33,350 | 0.0% | -0.1% |
| Unemployment | 1,420 | 1,300 | 1,410 | 9.2% | 0.7% |
| Unemployment Rate | 4.1% | 3.8% | 4.0% | xxx | xxx |
| BISMARCK MSA | | | | | |
| Labor Force | 45,110 | 44,790 | 44,750 | 0.7% | 0.8% |
| Employment | 43,280 | 42,630 | 42,470 | 1.5% | 1.9% |
| Unemployment | 1,830 | 2,160 | 2,280 | -15.3% | -19.7% |
| Unemployment Rate | 4.1% | 4.8% | 5.1% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

MARCH 1989
(In Thousands)

| | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 318.8 | 353.1 | 2,308.4 | 396.1 |
| Employment | 302.3 | 338.3 | 2,204.0 | 365.6 |
| Unemployment | 16.5 | 14.8 | 104.4 | 30.5 |
| Unemployment Rate | 5.2% | 4.2% | 4.5% | 7.7% |

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | April 1989 | March 1989 | April 1988 | April 1989 | March 1989 | April 1988 | April 1989 | March 1989 | April 1988 |
| Manufacturing | 426.40 | 424.95 | 414.92 | 41.0 | 40.9 | 41.0 | 10.40 | 10.39 | 10.12 |
| Durable Goods | 456.20 | 455.36 | 444.11 | 41.7 | 41.7 | 41.7 | 10.94 | 10.92 | 10.65 |
| Nondurable Goods | 384.64 | 385.04 | 373.86 | 39.9 | 39.9 | 39.9 | 9.64 | 9.65 | 9.37 |

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | April 1989 | March 1989 | April 1988 | April 1989 | March 1989 | April 1988 | April 1989 | March 1989 | April 1988 |
| Manufacturing | 333.31 | 328.90 | 324.02 | 38.4 | 38.2 | 38.3 | 8.68 | 8.61 | 8.46 |
| Durable Goods | 365.65 | 367.43 | 355.06 | 40.9 | 41.1 | 41.0 | 8.94 | 8.94 | 8.66 |
| Nondurable Goods | 299.65 | 294.77 | 297.72 | 35.8 | 35.6 | 36.0 | 8.37 | 8.28 | 8.27 |
| Food & Kindred | 305.11 | 298.37 | 303.21 | 37.3 | 36.7 | 36.4 | 8.18 | 8.13 | 8.33 |
| Printing and Publishing | 273.77 | 274.12 | 272.40 | 30.9 | 30.8 | 30.3 | 8.86 | 8.90 | 8.99 |

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | April 1989 | March 1989 | April 1988 | April 1989 | March 1989 | April 1988 | April 1989 | March 1989 | April 1988 |
| Manufacturing | 340.63 | 333.80 | 310.31 | 39.7 | 38.5 | 38.5 | 8.58 | 8.67 | 8.06 |
| Durable Goods | 357.28 | 350.07 | 316.50 | 41.4 | 40.1 | 42.2 | 8.63 | 8.73 | 7.50 |
| Nondurable Goods | 327.94 | 321.15 | 305.73 | 38.4 | 37.3 | 35.8 | 8.54 | 8.61 | 8.54 |



U. S. CONSUMER PRICE INDEX

(1982-84=100) ALL URBAN CONSUMERS

| ITEM | Annual Average 1988 | April 1989 | March 1989 | April 1988 | Percent Change From Mar. 1989 | Percent Change From April 1988 |
|---|---|---|---|---|---|---|
| All Items | 118.3 | 123.1 | 122.3 | 117.1 | 0.7% | 5.1% |
| Food & Beverage | 118.2 | 124.0 | 123.3 | 116.7 | 0.6% | 6.3% |
| Housing | 118.5 | 121.6 | 121.5 | 117.3 | 0.1% | 3.7% |
| Apparel & Upkeep | 115.4 | 120.9 | 119.3 | 117.0 | 1.3% | 3.3% |
| Transportation | 108.7 | 114.6 | 111.9 | 107.2 | 2.4% | 6.9% |
| Medical Care | 138.6 | 146.8 | 146.1 | 136.9 | 0.5% | 7.2% |
| Entertainment | 120.3 | 125.4 | 124.7 | 119.6 | 0.6% | 4.8% |

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

| ITEM | Annual Average 1988 | April 1989 | March 1989 | April 1988 | Percent Change From Mar. 1989 | Percent Change From April 1988 |
|---|---|---|---|---|---|---|
| All Commodities | 106.9 | 112.3 | 111.5 | 105.8 | 0.7% | 6.1% |
| Farm Products & Processed Foods and Feeds | 110.0 | 115.1 | 116.2 | 106.4 | -0.9% | 8.2% |
| Industrial Commodities | 106.3 | 111.7 | 110.6 | 105.6 | 1.0% | 5.8% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | April 1989 | March 1989 | April 1988 | April 1989 | March 1989 | April 1988 | April 1989 | March 1989 | April 1988 | April 1989 | March 1989 | April 1988 |
| Divide | 1,274 | 1,274 | 1,480 | 1,231 | 1,206 | 1,406 | 43 | 68 | 74 | 3.4% | 5.3% | 5.0% |
| McKenzie | 2,821 | 2,753 | 2,934 | 2,701 | 2,615 | 2,805 | 120 | 138 | 129 | 4.3% | 5.0% | 4.4% |
| Williams | 11,210 | 11,211 | 11,467 | 10,668 | 10,588 | 10,771 | 542 | 623 | 696 | 4.8% | 5.6% | 6.1% |
| REGION 1 | 15,305 | 15,238 | 15,881 | 14,600 | 14,409 | 14,982 | 705 | 829 | 899 | 4.6% | 5.4% | 5.7% |
| Bottineau | 3,429 | 3,377 | 3,584 | 3,228 | 3,144 | 3,372 | 201 | 233 | 212 | 5.9% | 6.9% | 5.9% |
| Burke | 1,222 | 1,193 | 1,354 | 1,151 | 1,125 | 1,286 | 71 | 68 | 68 | 5.8% | 5.7% | 5.0% |
| McHenry | 2,457 | 2,416 | 2,763 | 2,140 | 2,021 | 2,391 | 317 | 395 | 372 | 12.9% | 16.3% | 13.5% |
| Mountrail | 3,175 | 3,074 | 3,350 | 2,962 | 2,825 | 3,129 | 213 | 249 | 221 | 6.7% | 8.1% | 6.6% |
| Pierce | 2,389 | 2,312 | 2,588 | 2,289 | 2,209 | 2,490 | 100 | 103 | 98 | 4.2% | 4.5% | 3.8% |
| Renville | 1,161 | 1,164 | 1,227 | 1,106 | 1,109 | 1,162 | 55 | 55 | 65 | 4.7% | 4.7% | 5.3% |
| Ward | 25,726 | 25,690 | 26,310 | 24,450 | 24,185 | 24,860 | 1,276 | 1,505 | 1,450 | 5.0% | 5.9% | 5.5% |
| REGION 2 | 39,559 | 39,226 | 41,176 | 37,326 | 36,618 | 38,690 | 2,233 | 2,608 | 2,486 | 5.6% | 6.6% | 6.0% |
| Benson | 4,086 | 4,092 | 3,446 | 3,856 | 3,856 | 3,237 | 230 | 236 | 209 | 5.6% | 5.8% | 6.1% |
| Cavalier | 2,684 | 2,603 | 2,709 | 2,482 | 2,381 | 2,514 | 202 | 222 | 195 | 7.5% | 8.5% | 7.2% |
| Eddy | 1,425 | 1,361 | 1,508 | 1,309 | 1,239 | 1,368 | 116 | 122 | 140 | 8.1% | 9.0% | 9.3% |
| Ramsey | 6,330 | 6,354 | 6,646 | 6,083 | 6,036 | 6,324 | 247 | 318 | 322 | 3.9% | 5.0% | 4.8% |
| Rolette | 3,883 | 3,842 | 4,727 | 3,243 | 3,202 | 3,746 | 640 | 640 | 981 | 16.5% | 16.7% | 20.8% |
| Towner | 1,640 | 1,633 | 1,792 | 1,579 | 1,555 | 1,734 | 61 | 78 | 58 | 3.7% | 4.8% | 3.2% |
| REGION 3 | 20,048 | 19,885 | 20,828 | 18,552 | 18,269 | 18,923 | 1,496 | 1,616 | 1,905 | 7.5% | 8.1% | 9.1% |
| Grand Forks | 34,735 | 34,626 | 34,753 | 33,311 | 33,322 | 33,348 | 1,424 | 1,304 | 1,405 | 4.1% | 3.8% | 4.0% |
| Nelson | 1,888 | 1,819 | 2,028 | 1,785 | 1,710 | 1,905 | 103 | 109 | 123 | 5.5% | 6.0% | 6.1% |
| Pembina | 5,594 | 5,330 | 5,502 | 5,106 | 4,812 | 5,026 | 488 | 518 | 476 | 8.7% | 9.7% | 8.7% |
| Walsh | 7,769 | 7,669 | 8,174 | 7,392 | 7,247 | 7,779 | 377 | 422 | 395 | 4.9% | 5.5% | 4.8% |
| REGION 4 | 49,986 | 49,444 | 50,457 | 47,594 | 47,091 | 48,058 | 2,392 | 2,353 | 2,399 | 4.8% | 4.8% | 4.8% |
| Cass | 59,503 | 59,422 | 59,056 | 58,106 | 57,645 | 57,342 | 1,397 | 1,777 | 1,714 | 2.3% | 3.0% | 2.9% |
| Ransom | 2,714 | 2,645 | 2,794 | 2,641 | 2,555 | 2,675 | 73 | 90 | 119 | 2.7% | 3.4% | 4.3% |
| Richland | 8,311 | 8,519 | 8,776 | 7,941 | 8,110 | 8,364 | 370 | 409 | 412 | 4.5% | 4.8% | 4.7% |
| Sargent | 2,707 | 2,620 | 2,695 | 2,632 | 2,543 | 2,619 | 75 | 77 | 76 | 2.8% | 2.9% | 2.8% |
| Steele | 1,094 | 1,045 | 1,147 | 1,028 | 968 | 1,106 | 66 | 77 | 41 | 6.0% | 7.4% | 3.6% |
| Traill | 4,425 | 4,522 | 4,453 | 4,195 | 4,284 | 4,218 | 230 | 238 | 235 | 5.2% | 5.3% | 5.3% |
| REGION 5 | 78,754 | 78,773 | 78,921 | 76,543 | 76,105 | 76,324 | 2,211 | 2,668 | 2,597 | 2.8% | 3.4% | 3.3% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | April 1989 | March 1989 | April 1988 | April 1989 | March 1989 | April 1988 | April 1989 | March 1989 | April 1988 | April 1989 | March 1989 | April 1988 |
| Barnes | 5,423 | 5,603 | 5,919 | 5,184 | 5,285 | 5,657 | 239 | 318 | 262 | 4.4% | 5.7% | 4.4% |
| Dickey | 2,961 | 2,930 | 3,230 | 2,888 | 2,812 | 3,079 | 73 | 118 | 151 | 2.5% | 4.0% | 4.7% |
| Foster | 2,176 | 2,124 | 2,176 | 2,076 | 2,023 | 2,077 | 100 | 101 | 99 | 4.6% | 4.8% | 4.5% |
| Griggs | 1,540 | 1,465 | 1,538 | 1,467 | 1,387 | 1,477 | 73 | 78 | 61 | 4.7% | 5.3% | 4.0% |
| La Moure | 2,306 | 2,220 | 2,477 | 2,214 | 2,099 | 2,355 | 92 | 121 | 122 | 4.0% | 5.5% | 4.9% |
| Logan | 1,461 | 1,400 | 1,479 | 1,414 | 1,340 | 1,433 | 47 | 60 | 46 | 3.2% | 4.3% | 3.1% |
| McIntosh | 2,248 | 2,190 | 2,292 | 2,208 | 2,150 | 2,247 | 40 | 40 | 45 | 1.8% | 1.8% | 2.0% |
| Stutsman | 12,145 | 12,090 | 12,319 | 11,674 | 11,530 | 11,754 | 471 | 560 | 565 | 3.9% | 4.6% | 4.6% |
| Wells | 2,771 | 2,689 | 2,935 | 2,560 | 2,450 | 2,732 | 211 | 239 | 203 | 7.6% | 8.9% | 6.9% |
| REGION 6 | 33,031 | 32,711 | 34,365 | 31,685 | 31,076 | 32,811 | 1,346 | 1,635 | 1,554 | 4.1% | 5.0% | 4.5% |
| Burleigh | 32,847 | 32,550 | 32,558 | 31,633 | 31,154 | 31,041 | 1,214 | 1,396 | 1,517 | 3.7% | 4.3% | 4.7% |
| Emmons | 2,049 | 1,981 | 2,174 | 1,947 | 1,854 | 2,049 | 102 | 127 | 125 | 5.0% | 6.4% | 5.7% |
| Grant | 1,674 | 1,641 | 1,858 | 1,607 | 1,541 | 1,778 | 67 | 100 | 80 | 4.0% | 6.1% | 4.3% |
| Kidder | 1,521 | 1,470 | 1,547 | 1,389 | 1,331 | 1,421 | 132 | 139 | 126 | 8.7% | 9.5% | 8.1% |
| McLean | 4,275 | 4,131 | 4,661 | 4,030 | 3,830 | 4,388 | 245 | 301 | 273 | 5.7% | 7.3% | 5.9% |
| Mercer | 5,732 | 5,646 | 5,911 | 5,397 | 5,250 | 5,520 | 335 | 396 | 391 | 5.8% | 7.0% | 6.6% |
| Morton | 12,265 | 12,241 | 12,198 | 11,650 | 11,474 | 11,433 | 615 | 767 | 765 | 5.0% | 6.3% | 6.3% |
| Oliver | 1,123 | 1,047 | 1,151 | 1,067 | 981 | 1,078 | 56 | 66 | 73 | 5.0% | 6.3% | 6.3% |
| Sheridan | 1,113 | 1,094 | 1,178 | 1,041 | 1,012 | 1,106 | 72 | 82 | 72 | 6.5% | 7.5% | 6.1% |
| Sioux | 1,096 | 1,110 | 1,224 | 1,015 | 1,016 | 1,126 | 81 | 94 | 98 | 7.4% | 8.5% | 8.0% |
| REGION 7 | 63,695 | 62,911 | 64,460 | 60,776 | 59,443 | 60,940 | 2,919 | 3,468 | 3,520 | 4.6% | 5.5% | 5.5% |
| Adams | 1,636 | 1,639 | 1,707 | 1,596 | 1,599 | 1,655 | 40 | 40 | 52 | 2.4% | 2.4% | 3.0% |
| Billings | 705 | 655 | 732 | 673 | 611 | 704 | 32 | 44 | 28 | 4.5% | 6.7% | 3.8% |
| Bowman | 2,056 | 2,050 | 2,157 | 1,984 | 1,959 | 2,092 | 72 | 91 | 65 | 3.5% | 4.4% | 3.0% |
| Dunn | 1,578 | 1,528 | 1,693 | 1,434 | 1,341 | 1,525 | 144 | 187 | 168 | 9.1% | 12.2% | 9.9% |
| Golden Valley | 1,061 | 1,069 | 1,032 | 1,033 | 1,021 | 996 | 28 | 48 | 36 | 2.6% | 4.5% | 3.5% |
| Hettinger | 1,729 | 1,687 | 1,881 | 1,638 | 1,566 | 1,759 | 91 | 121 | 122 | 5.3% | 7.2% | 6.5% |
| Slope | 449 | 413 | 486 | 426 | 375 | 450 | 23 | 38 | 36 | 5.1% | 9.2% | 7.4% |
| Stark | 11,415 | 11,503 | 11,849 | 10,832 | 10,794 | 11,225 | 583 | 709 | 624 | 5.1% | 6.2% | 5.3% |
| REGION 8 | 20,629 | 20,544 | 21,537 | 19,616 | 19,266 | 20,406 | 1,013 | 1,278 | 1,131 | 4.9% | 6.2% | 5.3% |
| STATE TOTAL | 321,010 | 318,732 | 327,620 | 306,692 | 302,277 | 311,132 | 14,318 | 16,455 | 16,488 | 4.5% | 5.2% | 5.0% |

## D E F I N I T I O N S

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
216 Second Street
Phone: 224-2880

**DEVILS LAKE**
301 S. College Drive
Phone: 662-2181

**DICKINSON**
66 Osborn Drive
Phone: 227-2361

**FARGO**
1350 32nd Street S.
Phone: 237-7113

**GRAND FORKS**
2016 S. Washington
Phone: 777-3711

**GRAFTON**
728 Hill Avenue S.
Phone: 352-2202

**JAMESTOWN**
429 Second St. S.W.
Phone: 251-2256

**MANDAN**
501 First Street N.W.
Phone: 663-6461

**MINOT**
3416 N. Broadway
Phone: 852-2164

**VALLEY CITY**
2425 W. Main
Phone: 845-7261

**WAHPETON**
524 Second Avenue N.
Phone: 671-2711

**WILLISTON**
422 First Ave. W.
Phone: 572-7771

**BEULAH**
119 E. Main
Phone: 873-5607

**ROLLA**
103 E. Main
Phone: 477-5631

**NDSU--FARGO**
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

**NEW TOWN**
Tribal Administration
Building
Phone: 627-4390

**UND-GRAND FORKS**
Room 141
McCannel Hall
Phone: 777-3904

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JOB SERVICE North Dakota

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